

REMARKS

Reconsideration and allowance of this application are respectfully requested in view of the above amendments and the discussion below.

In order to more clearly define over the reference to Zuckerwar U.S. Patent No. 4,445,378 used in the rejection of claims 1-5 under 35 U.S.C 102, Applicants have amended independent claims 1 and 4. Amended claims 1 and 4 require a tube which is formed as a $\lambda/4$ resonator having a length which is adapted to the excitation frequency of the pistonphone to amplify the sound pressure produced in the pistonphone volume. Furthermore the volume of the pistonphone is adjustable so that a sound pressure within a selected excitation frequency can be produced.

The reference to Zuckerwar, in contrast with amended independent claims 1 and 4, provides a piston in a neck wherein the neck forms the pistonphone volume. There is no indication of the form of the neck, the length of the neck, the connection to a pistonphone volume, the adaptation to the excitation frequency of the pistonphone, the amplification function, or the special form that it takes in order to provide a $\lambda/4$ resonator. Each of these elements are now recited in independent claims 1 and 4.

As a result, the neck 13 of Zuckerwar is unable to amplify the sound pressure produced in the pistonphone volume. Additionally the apparatus of Zuckerwar is not a sound pressure level calibrator for calibrator a sound pressure level sensor but instead is an apparatus for measuring the acoustic impedance of the earth. The sound pressure level calibrator of the presently claimed invention produces very

high pressure sound levels so that it is suitable for sound levels to be measured in excess of 124dB. Additionally it can be adapted to an installed sound pressure level sensors.

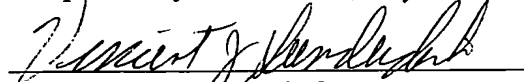
Therefore in view of the distinguishing features of independent claims 1 and 4, which features are not shown or disclosed or made obvious by the references, Applicants respectfully request that this application containing amended independent claims 1 and 4 and dependent claims 2, 3 and 5 be allowed and be passed to issue.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #056226.50943US).

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Respectfully submitted, ✓



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